

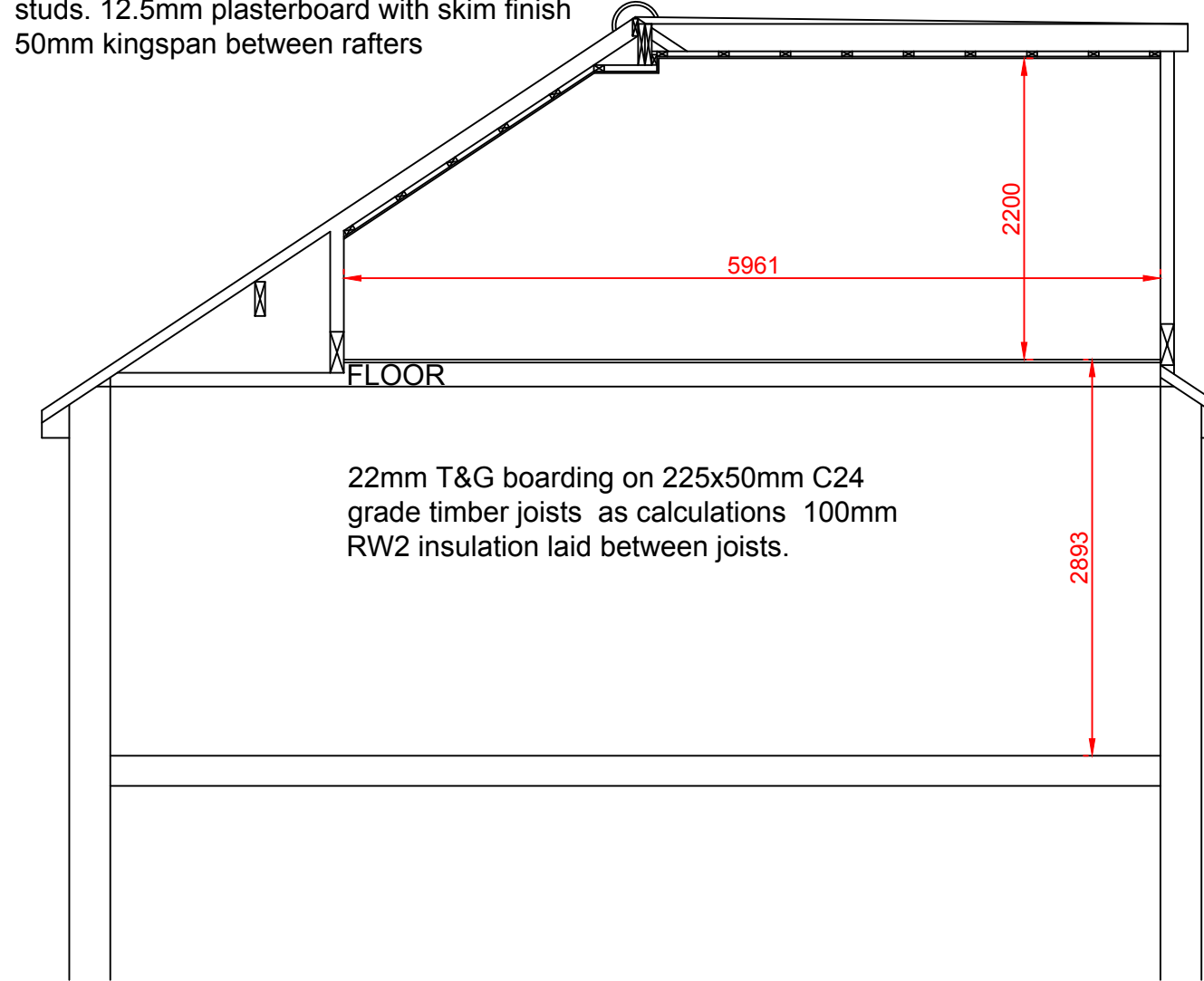


**ROOF**

Upgrade front rafters to 175x50mm TRI-ISO super 10 insulation 50mm air space. Plasterboard & skim finish. 100x50mm dwarf wall with 6mm ply to internal face. 150mm insulation in between studs. 12.5mm plasterboard with skim finish 50mm kingspan between rafters

**DORMER ROOF**

Marley deck on 19mm ply on firings for falls 225x50mm C16 grade joists at 300mm c/c. Tri iso super 10 insulation counter battens plasterboard and skim 50mm kingspan between rafters




**DORMER SIDES**

Tile on exterior ply on 100x50 stud frame at 450 c/c. Vapour barrier plasterboard & skim finish 100mm Kingspan insulation between studs. 175x100 header beam 9.5mm master board behind tiles to cheek on boundary

Form room in a roofspace as shown.  
 (DS) Provide mains operated smoke detectors linked together as shown.  
 Refer to calculations for beam/joist sizes.  
 Velux roof windows and windows to be double glazed with Pilkington K E glass and have trickle vents fitted giving min 8000mm<sup>2</sup> openers, min 1/20th opening lights, draught seals to be fitted  
 Enclose staircase in 100x50mm studding 12.5mm plasterboard both sides.  
 Stud walls to room sides to have vapour barrier with taped joints and 150mm fibreglass insulation fitted.  
 Form staircase 800mm wide 208mm rise 231mm going min 50mm winder width min 2.0m headroom/1.80m minimum as diagram 3 Part K handrail/balustrade min 900mm high max gap between balustrades 100mm.  
 All habitable first floor windows to be escape quality and between 800 & 1.1m high from finish floor level  
 provide mechanical ventilation to bathroom giving min 15 ltrs per second extraction to external air.  
 internal stud walls to be 100x50mm or 75x50mm studs with plasterboard both sides having a density of 10kgm<sup>2</sup> & infilled with rockwool insulation  
 Trim round rooflights with double rafters.  
 Fit Code 5 lead flashings and soakers as necessary  
 Provide slate/tile vents at high/low level as shown.  
 This drawing is to be used only for Building Regulation/ Planning submission not as a "working drawing" if used as such all dimensions to be checked on site by contractor.  
 All work to be carried out to satisfaction of Local Authority.  
 Prior to commencement of work on site, Principal contractor/ Building Owner to produce a method statement with regard to safety of occupiers/employees during building operations.  
 Builder to allow for safe support of existing/ new structure during contract.



Proposed Loft Conversion at :	
<b>20 The Common</b> <b>Parbold</b> <b>Wigan</b> <b>WN8 7DA</b>	
CLIENT:	Mr & Mrs Hickey
CONTRACT No:	PCE-Hickey-August-20
DATE:	27th August 2020
SCALE:	1:100, 1:50, @ A1
DWG No:	PCE-Hickey-August-20-Planning
L.A.:	West Lancashire Borough Council
AMENDMENTS:	DATE:
	
<b>PCE DESIGNS LTD</b> 40 Queensway Euxton Chorley Lancashire PR7 6PW www.pcedesigns.co.uk info@pcedesigns.co.uk pcedesigns@aol.com 01257 233850: Office 07515878823: Mobile	

All electrical work to be carried out to BS7671:2001 and be installed and tested by a competent person. The Local Authority may request a test certificate under the above BS.